WHAT IS CLAIMED IS:

1. A device for capturing body tissue samples, comprising:

an elongate body having a proximal end, a distal end, and a lumen therethrough;

a head disposed at the distal end of the elongate body and having a lumen therethrough in communication with the elongate body lumen;

a collection bag configured to be disposed within the elongate body, the collection bag having a distal end open to receive a body tissue sample, and further configured with vacuum apertures to allow a vacuum to be drawn through the bag;

a source of vacuum in selective communication with the proximal end of the elongate body; and

wherein the head is configured to selectively allow the tissue sample to be drawn into the elongate body and into the collection bag.

2. The device of Claim 1, wherein the head is configured to engage and maintain the position of a tissue sample before, during, and after resection of the tissue sample.

3. The device of Claim 2, wherein the head is configured with a separator that separates the interior of the head from the interior of the elongate body to inhibit the tissue sample from being drawn into the elongate body.

4. The device of Claim 3, wherein the separator separates the interior of the head from the interior of the elongate body by providing a region of decreased diameter between the head and the interior of the elongate body.

5. The device of Claim 4, wherein the separator is selectively activated to inhibit the tissue sample from being drawn into the elongate body by reducing the diameter.

6. The device of Claim 1, wherein the collection bag distal end is disposed adjacent the head.

7. The device of Claim 6, wherein the collection bag distal end is secured to the head.

8. The device of Claim 1, wherein the collection bag is formed of a biocompatible material.

9. The device of Claim 8, wherein the collection bag is formed of silicone.

10. The device of Claim 1, wherein the lumen extending through the head has an adjustable diameter.